

Title (en)
Fluorine-containing elastomer composition

Title (de)
Fluorhaltige Elastomerzusammensetzung

Title (fr)
Composition élastomérique contenant du fluor

Publication
EP 0708139 A1 19960424 (EN)

Application
EP 95116111 A 19951012

Priority
JP 28294194 A 19941021

Abstract (en)
A fluorine-containing elastomer composition, which comprises a terpolymer of tetrafluoroethylene, perfluoro(lower alkyl vinyl ether) and a perfluoro unsaturated nitrile compound represented by the following general formula: $\text{CF}_2=\text{CFO}(\text{CF}_2)_n\text{OCF}(\text{CF}_3)\text{CN}$, wherein n is an integer of 2 to 5, and a bis(aminophenyl) compound represented by the following general formula as a cross-linking agent: <CHEM> , wherein A is an alkylidene group having 1 to 6 carbon atoms or a perfluoroalkylidene group having 1 to 10 carbon atoms and X and Y are a hydroxyl group or an amino group, can produce vulcanized products having good vulcanization physical properties and a good compression set.

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IPC 8 full level
C08F 14/18 (2006.01); **C08F 16/14** (2006.01); **C08F 214/18** (2006.01); **C08F 214/26** (2006.01); **C08F 216/14** (2006.01); **C08K 5/17** (2006.01); **C08K 5/18** (2006.01); **C08L 27/12** (2006.01); **C08L 27/18** (2006.01); **C08L 29/10** (2006.01); **C08L 33/18** (2006.01)

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• [AD] EP 0606883 A1 19940720 - NIPPON MEKTRON KK [JP]
• [AD] EP 0110420 A1 19840613 - DU PONT [US]

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